

REMARKS

In the above-identified Office Action the claims were again rejected as being obvious in view of a hypothetical combination of the disclosures of the cited Kido reference and the Edamura patent. By this response, however the independent claims have been further amended in a manner which is believed to render them allowable over the cited references.

In a conventional facsimile apparatus, if an original to be transmitted is a one-side original, it is transmitted in a one-side transmitting mode so as to reduce transmission time. But, it is very troublesome for a user to set the one-side transmitting mode or the both-side transmitting mode according to the type of the original. Also, if the original document to be transmitted is one-side/both-side mixed original and the user erroneously sets the one-side transmitting mode, the reverse side of both-side original sheets will not be transmitted.

In the present invention, as now presented in the claims, management data is stored for management regarding front and reverse sides of the image data read by the reading means, with pairing of the front and reverse sides; discrimination is made as to, whether or not effective image data is included on both sides of the original; one of a both-side transmission mode and a one-side transmitting mode is selected on the basis of a discrimination result; the both-side transmitting mode is selected when at least one sheet of the original in which the effective image data is included on the both sides exists, and the image data stored in the storing means is transmitted together with the management data in the both-side transmitting mode; and the one-side transmitting mode is selected in the other cases.

Since the image data is transmitted together with the management data with a pairing of front and reverse sides of the image data, in the both-side transmitting mode, the same

both-side original as that in a transmitting side can be recorded at the receiving side. Therefore, the present invention can remove the before-mentioned trouble of conventional devices.

Further, since in the present invention discrimination is made as to whether or not effective image data is included on both sides of the original, and the both-side transmission mode and the one-side transmitting mode or automatically selected on the basis of a discrimination result, the user can be relieved from setting the one-side transmitting mode or the both-side transmitting mode according to a type of the original, and also free from the failure in selecting the transmission mode.

In the facsimile device of the Kido reference, both sides of an original are read and stored. However, in the device, only sides (or pages) of the original which each have an image (that is, not a blank page) are transmitted. For example, when there is an original having three sheets of which the first has an image on a front side thereof, the second has images on both sides thereof, and the third has an image on a reverse side thereof, four pages having the images are transmitted in a both-side transmitting mode. At a receiving side, two sheets of recording papers are recorded, with the image on the front side of the first sheet of the original recorded on a front side of the first sheet of the recording papers, the image on the front side of the second sheet of the original recorded on a reverse side of the second sheet of the recording papers, the image of the reverse side of the first sheet of the original recorded on a front side of the second sheet of the recording papers, and the image on the third sheet of the original recorded on a reverse side of the first sheet of the recording papers.

Accordingly, in utilizing the Kido facsimile device, there is caused a difference in page order between the transmitted original and the recorded original at the receiver side. Also,

unlike the present invention, the failure in selecting the correct transmission mode by the user cannot be eliminated.

Referring to the method of the cited Edamura patent, a user has to instruct a one-side transmitting mode or a both-side transmitting mode. Therefore, there is no disclosure in Edamura of the feature of the present invention that the transmission mode is selected automatically. Accordingly, the troubles as before-mentioned are not removed by the Edamura patent.

For these various reasons it is believed that all of Applicant's claims, as now amended, are allowable over the prior art.

Applicant's undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our new address given below.

Respectfully submitted,

/John A. Krause/

Attorney for Applicant

John A. Krause

Registration No. 24,613

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200